

Installing and operating the Asian-Pacific American BrCa Absolute Risk Assessment Tool
version 1.0 creation date 08/25/10
version 1.1 creation date 12/05/13

This installation and operation module pertains to Windows 32-bit operating system
or Windows 64-bit operation system, depending of the user's requirements.

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@ Note that there are two versions of this software. One version is for a 64-bit
@ operating system. The other for a 32-bit system. Please select the version
@ which corresponds to the operating system on the computer which it will be used
@ All needed components specifically for the 64-bit machine will have "_64" in
@ it's name. Similarly, any needed componets for the 32-bit machine will have
@ "_32" somewhere in it's name. All shared components will not have show these
@ three characters.
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@ NOTE WHEN UNSURE OF WHICH WINDOWS OPERATING SYSTEM, USE THE 32-BIT VERSION
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Contents of the Zip file "APA_BrCa_AbsRsk_Ver1_1.zip":

- (a) APA_BrCa_AbsRsk_32.gcg pre-compiled gauss program which performs Asian-American/Pacific Islander BrCa Risk Projection for 32-bit Windows Operating System
- (b) APA_BrCa_AbsRsk_64.gcg pre-compiled gauss program which performs Asian-American/Pacific Islander BrCa Risk Projection for 64-bit Windows Operating System
- (c) APA_RR.Fil sample relative risk profile input file read by the above either of the above programs "APA_BrCa_AbsRsk_32.gcg" or "APA_BrCa_AbsRsk_64.gcg"
- (d) APA_RR.compare projected risks by reading the above sample input file
- (e) APA JNCI 12-18-2010.pdf JNCI Asian American/Pacific Islander manuscript
- (f) GRTM_11_Win_32.msi installation file for the gauss run-time module GSRun on a 32-bit computer

- (g) GRTM_11_Win_64.msi installation file for the gauss run-time module GSRun
 on a 64-bit computer
- (h) ReadMe.fil this file you are reading
 ReadMe.pdf pdf version of ReadMe.fil

After unzipping "APA_BrCa_AbsRsk_Ver1_1.zip", check to see that all files listed above are included. At this point, a cursory examination of "APA_RR.Fil" will prove useful. This file can be viewed using your favorite text editor or Notepad which is included with Windows.

Installation of the gauss run-time module GSRun:

The gauss run-time module GSRun will execute any pre-compiled gauss program. It is needed for the user to perform BrCa Absolute Risk Projections for Asian-Pacific American Women by executing the provided pre-compiled gauss program "APA_BrCa_AbsRsk_32.gcg" or "APA_BrCa_AbsRsk_64.gcg". Depending on the operating system.

For a 32 bit system, click on "GRTM_11_Win_32.msi" to start the installation process.

For a 64 bit system, click on "GRTM_11_Win_64.msi" to start the installation process.

- (a) the installer will ask you to accept the standard license agreement. After you accept the agreement, it will ask you which folder you want to install the gauss run-time module GSRun. If the default is acceptable click "next", otherwise click "browse". If you clicked "browse", a box will appear where you can type in the destination of the installation process. In the following, assume you chose to install in the the folder "c:\APA_Risk".
- (b) at the completion of the installation process, the installer will place a gauss run-time module icon on the desktop. It is recommended leaving the icon on the desktop for ease of use.
- (c) copy the three files "APA_BrCa_AbsRsk_32.gcg" or "APA_BrCa_AbsRsk_64.gcg", "APA_RR.fil" and "APA_RR.fil.compare" to where you installed the gauss run-time module GSRun, namely "c:\APA_Risk".
- (d) you may wish to copy this "ReadMe.fil" and the enclosed APA manuscript to the folder "c:\APA_Risk" as well.
- (e) the installation process is now complete.

A step by step example using the Asian-Pacific American BrCa Risk Assessment Tool:

- (a) after the installation process and assuming that you have copied the files "APA_BrCa_AbsRsk_32.gcg" or "APA_BrCa_AbsRsk_32.gcg" and "APA_RR.Fil" to "c:\APA_Risk", click on the gauss run-time module icon which was placed on the desktop by the installer.
- (b) gauss run-time module GSRun will open a window. At the gauss prompt ">>", type "run APA_BrCa_AbsRsk_32.gcg" or "run APA_BrCa_AbsRsk_64.gcg". The gauss run-time module GSRun will begin to execute the absolute risk projection program.
- (c) the program will ask you to type the name of the input file. For this instance you should type "APA_RR.fil" as your input file name. Note that the output file will be named "INPUT FILE NAME.out", i.e. the output file will be named "APA_RR.Fil.out".
- (d) the output file "APA_RR.Fil.out", written to "c:\APA_Risk", containing the BrCa risk projections will be available for further perusal and analysis. For peace of mind, you may want to compare the generated output file "eXample_File.out" with the file "APA_RR.Fil.compare" included with the installation module. These two files can be viewed using Notepad or any other text editor. Upon ascertainment of complete agreement between the two files, you can proceed to delete the file "APA_RR.Fil.compare".

File name/structure for the input file to the Asian-Pacific American Risk program :

- (a) since the program prompts for the input file name, it may take on any arbitrary name. The name of the input file is case insensitive. For ease of use, the input file should be placed in the folder "c:\APA_Risk". Again, note that the output file name will be "input file name.out" and will be created in the folder "c:\APA_Risk".

the input file structure includes 9 columns of data with the following column order. all columns/fields are format free with each column separated by at least one or more blank space(s).

Col1	ID		: integers taking on the values in {1,2,3...}
Col2	Current	age	: ages between the interval [20, T2) e.g. 35.8
Col3	Projection	age	: ages between the interval (T1, 90] e.g. 58.9
			constraint of 20 <= T1 < T2 <= 90
Col4	# Biopsy		: 0,1,2 ... 99 (missing) (non-negative integer)

e.g. if NBIops equals zero than atypical hyperplasia must be 99 (not applicable)
or Projection Age in years must be greater than Current Age

Contacts:

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Terms & Conditions

Source Code for APA model: Asian-Pacific American Women Breast Cancer Risk Calculation Module

Non-Proprietary Software Transfer Agreement

Provider: National Institutes of Health (NIH), National Cancer Institute (hereinafter "NCI")

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